

IN THE CLAIMS:

1. (Currently Amended) A collapsible steering assembly comprising;
a steering mechanism,
a pedal assembly including a mounting assembly and at least one foot pedal pivotaly supported by said mounting assembly for moving ~~moveable in operation~~ between a fully retracted position and a fully depressed position to actuate ~~for actuating~~ an operating system in a vehicle, and
a support structure connecting said pedal assembly at least one pedal to said steering mechanism to define a unitized module with said support structure including at least one mounting bracket for mounting said unitized module to the vehicle,
said support structure movably supporting said steering mechanism for collapsing along a first collapse path relative to said at least one mounting bracket ~~movement~~ in response to application of a first predetermined collapse force to said steering mechanism~~[[;]]~~ and further movably supporting said pedal assembly at least one pedal for collapsing along a predetermined a second collapse path relative to said at least one mounting bracket beyond said fully depressed position in response to application of a second predetermined collapse force to said at least one pedal.
2. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 1 wherein said pedal assembly at least one pedal is collapsible independently of said steering mechanism.
3. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 2 wherein said at least one pedal comprises a brake pedal.
4. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 3 wherein said steering mechanism includes a longitudinal steering axis extending transversely to the first predetermined collapse path.

5. (Canceled)

6. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 4 wherein said support structure includes a plurality of steering guide rods arranged about a common collapse axis in non-parallel relationship to said steering axis and ~~interconnecting said pedals and said steering mechanism and guiding said brake pedal along said predetermined collapse path.~~

7. (Canceled)

8. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 1 ~~including wherein said pedal assembly includes a mounting assembly carrying said pedals and~~ a hinge assembly interconnecting said mounting assembly and said support structure for permitting pivotal movement of said pedal assembly ~~pedals~~ relative to said support structure.

9. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 8 and including a plurality of steering shear elements interconnecting said steering guide rods and said support structure for preventing movement of said steering mechanism relative to said support structure and shearable in response to application of the first predetermined collapse force on said steering mechanism for allowing said steering guide rods and said steering mechanism to move relative to said support structure.

10. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 9 wherein said steering guide rods are fixed relative to one another.

11. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 10 wherein said steering guide rods are straight.

12. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set

forth in claim 11 wherein each of said steering guide rods comprises a steering tube extending from a front end to a rear end.

13. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 12 wherein each of said steering shear elements comprises a bushing surrounding each steering tube and engaging said support structure.

14. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 12 wherein said support structure includes a front bracket interconnecting said front ends of said steering tubes, an intermediate bracket, and said at least one mounting bracket is further defined as a rear bracket supporting said rear ends of said steering tubes and said steering mechanism, said front and rear brackets being spaced from and on opposite sides of said intermediate bracket.

15. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 14 wherein said steering tubes comprise four tubes spaced from one another in a quadrangle.

16. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 14 wherein said rear bracket includes a connector for attachment to to ~~to~~ the vehicle.

17. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 14 wherein said rear ends of said steering tubes extend through said rear bracket.

18. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 12 including a knee bolster coupled to said support structure.

19. (Currently Amended) A collapsible steering assembly An assembly as set

forth in claim 18 wherein said support structure includes a front bracket interconnecting said front ends of said steering tubes, an intermediate bracket, and said at least one mounting bracket is further defined as a rear bracket supporting said rear ends of said steering tubes and said steering mechanism, said front and rear brackets[[;]] being spaced from and on opposite sides of said intermediate bracket.

20. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 19 including a plurality of bolster guide rods arranged about a second collapse axis and interconnecting said intermediate bracket and said knee bolster and supporting said knee bolster for axial movement along said second collapse axis in response to application of a ~~second~~ predetermined bolster collapse force to said knee bolster.

21. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 20 and including a plurality of bolster shear elements interconnecting said bolster guide rods and said intermediate bracket for preventing movement of said knee bolster relative to said intermediate bracket and shearable in response to application of the ~~second~~ predetermined bolster collapse force to said knee bolster for allowing said bolster guide rods and said knee bolster to move relative to said intermediate bracket.

22. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 21 wherein said intermediate bracket supports said bolster guide rods in a fixed relationship to one another.

23. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 22 wherein said bolster guide rods are straight.

24. (Currently Amended) A collapsible steering assembly ~~An assembly~~ as set forth in claim 23 wherein each of said bolster guide rods comprises a tube.

25. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 24 wherein each of said bolster shear elements comprises a bushing surrounding each of said bolster tubes and engaging said intermediate bracket.

26. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 24 wherein said bolster tubes comprise four of said tubes spaced from one another in a quadrangle.

27. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 24 wherein said bolster tubes have front and rear ends, said knee bolster connected to said front ends of said bolster tubes and said rear bracket supporting said rear ends of said bolster tubes, said knee bolster and said rear bracket being spaced from and on opposite sides of said intermediate bracket.

28. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 27 wherein said intermediate bracket includes an upper block having bores therethrough with said steering tubes extending through said bores and a lower block having bores therethrough with said bolster tubes extending through said bores in said lower block.

29. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 28 including a second plurality of steering shear elements interconnecting said rear bracket and said steering tubes for preventing movement of said steering tubes relative to said rear bracket and shearable in response to application of the first predetermined collapse force to the steering mechanism for allowing said steering tubes to move through said rear bracket.

30. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 28 [[24]] including an energy absorber system for absorbing energy during movement of said steering mechanism and said pedal assembly pedal respectively

relative to said intermediate bracket.

31. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 30 wherein said energy absorber system includes an anvil-strap device interconnecting said steering tubes and said upper block.

32. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 24 wherein said bolster tubes are disposed ~~in at least one pair~~ on either side of said steering tubes.

33. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 32 wherein said bolster tubes are disposed transversely to said steering tubes.

34. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 33 including a connecting clamp interconnecting said rear ends of said bolster tubes, said bolster supported by said front ends of said bolster tubes.

35. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 34 wherein said energy absorber system includes an anvil-strap device interconnecting said clamp and said lower block for absorbing energy upon movement of said bolster tubes through said lower block ~~in the crash condition~~.

36. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 35 wherein said steering tubes include an upper pair and a lower pair, a steering mechanism support bracket interconnecting said lower pair of tubes and supporting said steering mechanism.

37. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 36 including at least one beam interconnecting said upper block and said

rear bracket to prevent relative movement therebetween.

38. (Currently Amended) A collapsible steering assembly An assembly as set forth in claim 31 wherein said energy absorber system includes a shear strap mechanism interconnecting said mounting assembly and said rear bracket for absorbing energy upon movement of said pedal assembly.

39. (Canceled)

40. (New) A collapsible steering assembly comprising:

a steering mechanism;

a pedal assembly including a mounting assembly and at least one foot pedal pivotally supported by said mounting assembly for moving between a fully retracted position and a fully depressed position to actuate an operating system in a vehicle; and

a support structure connecting said pedal assembly to said steering mechanism to define a unitized module with said support structure including at least one mounting bracket for mounting said unitized module to the vehicle,

said support structure slidably supporting said steering mechanism for collapsing along a linear collapse path relative to said at least one mounting bracket in response to application of a first predetermined collapse force to said steering mechanism and further pivotally supporting said pedal assembly for collapsing along an arcuate collapse path relative to said at least one mounting bracket in response to application of a second predetermined collapse force to said at least one pedal.